ELSEVIER

Thin Solid Films 261 (1995) 345–346

thin solid films

Author Index of Volume 261

Abdalla, A.M. 328
Achour, S. 1
Adamik, M. 70
Alexandre, S. 287
Andrievski, R.A. 83
Anischik, V.M. 183
Anisimov, V.P. 83
Anisimova, I.A. 83
Aoyagi, Y. 236
Atanassov, G. 256
Aymerich, X. 299

Barna, P.B. 70
Barniol, N. 299
Baryshev, R.S. 64
Baunack, St. 90
Becker, P. 186
Bielle-Daspet, D. 12
Bliznyuk, V. 275
Boccara, A.C. 132
Bonhomme, P. 160
Bonnet, G. 31
Bouchemat, M. 12
Boukezzata, M. 12
Boumaiza, N. 1
Bøttiger, J. 219, 228
Brandl, D. 271
Brodie, D.E. 334
Brombacher, L. 241
Brückner, W. 90

Campbell, D. 311
Carlsson, J.-O. 52
Chandrashekhar, G.V. 59
Chechenin, N.G. 219, 228
Chen, G. 266
Chen, J.F. 107
Chen, L.J. 107
Chun, C.-H. 148
Collins, R.A. 311
Colson, J.C. 31

D'Anna, E. 154
Davitadze, K.D. 248
Decher, G. 343
Diesner, K. 124
Dimitrova, V.I. 209
Douglade, J. 160
Dubreuil, N. 287
Dultsev, F.N. 296
Duparré, A. 70
Dzhabua, Z.U. 248

Eggs, C. 25
Eizenberg, M. 251
El-Korashy, A. 328
El Rhaleb, H. 132
El-Zahed, H. 328
Ellmer, K. 124
Ennaoui, A. 124
Enzo, S. 154

Fangqing, Z. 266
Fedrizzi, L. 202
Fiechter, S. 124
Fiol, C. 287
Fournier, D. 132
Förster, A. 139
Fricoteaux, P. 160
Fukuda, K. 76

Gaponenko, N.V. 186
Gerthsen, D. 139
Gigineishvili, A.V. 248
Gignac, L.M. 59
Glass, J.T. 4
Gleyzes, P. 132
Glurdzhidze, L.N. 248
Gnaser, H. 186
Gong, J. 266
Graf, M. 241
Gravier, P. 202
Grießmann, H. 90
Grozhik, V.A. 186
Gu, P.-F. 256
Guanghua, C. 266
Guobin, M. 266

Heldmann, C. 241
Hempel, T. 236
Hendia, T.A. 322
Hong, S.-K. 148
Howson, R.P. 115
Hultman, L. 317

Illekova, E. 154
Imai, Y. 76
Inoue, S. 115
Ivanov, I.P. 317

Jinlong, G. 266
Johansson, A.-S. 52

Kaiser, N. 37
Kameyama, T. 76
Kang, T.W. 168
Kim, D.S. 192
Kim, D.Y. 168
Kim, G.-H. 148
Kim, T.W. 168
Klebanov, M. 263
Klimke, J. 25
Komem, Y. 251
Koterazawa, K. 115
Krog, J.P. 219, 228
Krupanidhi, S.B. 18
Kumara, G.R.R.A. 307
Kumarasinghe, A.R. 307
Kuznetsov, M.V. 64

Lachkar, M. 31
Larpin, J.P. 31
Lee, H.-C. 148
Lee, J.-Y. 148
Lee, K.-Y. 148
Lee, Y.H. 192
Li, Y. 266
Luby, S. 154
Luches, A. 154
Lvov, Y.M. 343
Lyubin, V. 263

Ma, G. 266
Majkova, E. 154
Makarov, V.P. 83
Mansour, F. 12
Marchetti, F. 202
Markevich, M.I. 183
Masó, J. 299
Massiani, Y. 202
Metrot, A. 160
Milekhin, A.H. 296
Mirouh, K. 12
Mitrofanov, B.V. 64
Möhwald, H. 275
Mukaida, M. 76
Murakami, M. 341

Nakahara, H. 280
Nambu, T. 341
Natarajan, C. 44
Neher, D. 241
Nichogi, K. 341
Nogami, G. 44

Osato, K. 76
Osipov, A.V. 173

Parrill, T.M. 59
Perrone, A. 154
Pérez-Murano, F. 299
Pignolet, A. 18

Elsevier Science S.A.

Pischow, K.A. 70
Piskunov, F.A. 183
Popov, D. 256
Popova, V.P. 83

Radwan, M. 328
Ramsden, J.J. 343
Rao, G.M. 18
Rao, G.M. 18
Reiss, G. 90
Roger, J.P. 132
Rosenwaks, S. 263
Ruppe, C. 70

Sahu, S.N. 98
Sandrik, R. 154
Sasanuma, Y. 280
Sato, S. 87
Sato, Y. 87
Scheer, R. 124
Schoenfeld, O. 236
Schoppmann, Ch. 271
Schurr, M. 271
Shalaeva, E.V. 64
Sharon, M. 44
Shtutina, S. 263
Sirimanne, P.M. 307
Sobe, G. 90
Soliman, L.I. 322
Stehlé, J.L. 37
Steffen, H. 25
Stoner, B.R. 4
Sundgren, J.-E. 317

Takeshita, K. 115
Tamir, S. 251
Taomoto, A. 341
Tayar, M.E. 1
Tennakone, K. 307
Tillmann, K. 139
Tomaschko, Ch. 271
Touidjen, N.H. 12
Troyon, M. 160
Tsunoda, T. 76

Ucihda, H. 115
Urban, K. 139

Valleton, J.M. 287
Vasiljeva, L.L. 296
Voit, H. 271
Volterra, V. 263

Wahab, Q. 317
Wang, L. 160
Watanabe, A. 76
Willander, M. 317
Wolter, S.D. 4
Wulff, H. 25

Xiao, Y. 120

Yahong, L. 266
Yanushkevich, V.A. 183
Yao, Z. 120
Ye, Y. 120
Yong, Y.-J. 148
Yu-Zhang, K. 160
Yufang, X. 120
Yuhan, Y. 120

Zahavi, J. 251
Zhang, D.H. 334
Zhang, F. 266
Zhao, X. 236
Zhongqi, Y. 120
Zuber, A. 37

ELSEVIER

Thin Solid Films 261 (1995) 347–350

thin solid films

Subject Index of Volume 261

Alloys
effect of laser repetition rate on the melting and ablation of $Ni_{24}Zr_{76}$ alloy ribbon 154
Aluminium nitride
influence of sputtering pressure on the microstructure evolution of AlN thin films prepared by reactive sputtering 148
Amorphous materials
crystallinity, morphology and microstructure of chemical-vapor-deposited carbon films on different substrates 52
photoinduced phenomena in spin-coated vitreous As_2S_3 and AsSe films 263
Annealing
crystallization of amorphous silicon by $NiSi_2$ precipitates 236
effect of laser repetition rate on the melting and ablation of $Ni_{24}Zr_{76}$ alloy ribbon 154
effects of annealing on the electrical conductivity of C_{60} films 266
rapid thermal processed thin films of niobium pentoxide (Nb_2O_5) deposited by reactive magnetron sputtering 18
Atomic force microscopy
atomic force microscopy on cross-sections of optical coatings: a new method 70
crystallinity, morphology and microstructure of chemical-vapor-deposited carbon films on different substrates 52

B
surface modification in nitrogen and boron-ion implanted P18 high-speed steel with TiN coating 209
Band structure
optical properties of Tm_2S_3 thin films 248
Boron
conductivity of boron-implanted polycrystalline thin silicon films 12

Cadmium selenide
electrodeposition of $Zn_{1-x}Cd_xSe$ ($x = 0-1$) thin films 44
Carbon
effects of annealing on the electrical conductivity of C_{60} films 266
Chemical vapour deposition
annealing effects on a-SiC:H and a-SiC:H(F) thin films deposited by PECVD at room temperature 192
crystallinity, morphology and microstructure of chemical-vapor-deposited carbon films on different substrates 52
investigation of the process factor space on bias-enhanced nucleation of diamond on silicon 4
stoichiometry of tantalum oxide films prepared by KrF excimer laser-induced chemical vapor deposition 76
Chromium
corrosion behaviour in acid solution of $(Ti, Cr)N_x$ films deposited on glass 202
Clusters
kinetic model of vapour-deposited thin film condensation: stage of liquid-like coalescence 173
Coatings
characterization of thin solid films of rare earth oxides formed by the metallo-organic chemical vapour deposition technique, for high temperature corrosion applications 31
Conductivity
preparation and physical properties of TMT–TTF-$C_{60}Br_6$ Langmuir–Blodgett film 120
Copper
deposition of thin polycrystalline films of cuprous thiocyanate on conducting glass and photoelectrochemical dye-sensitization 307
Corrosion
corrosion behaviour in acid solution of $(Ti, Cr)N_x$ films deposited on glass 202
Crystallization
crystallization of amorphous silicon by $NiSi_2$ precipitates 236
influence of composition and heat treatment on the structure of Se–Te films 328

Deposition process
antireflection coatings on KCl single-crystal windows with low optical loss 256
carbon depth distribution in spin-on silicon dioxide films 186
deposition of thin polycrystalline films of cuprous thiocyanate on conducting glass and photoelectrochemical dye-sensitization 307
growth and characterization of 3C–SiC films on Si substrates by reactive magnetron sputtering; effects of CH_4 partial pressure on the crystalline quality, structure and stoichiometry 317
growth mechanisms of silicon films produced by laser-induced chemical vapor deposition 251
influence of sputtering pressure on the microstructure evolution of AlN thin films prepared by reactive sputtering 148
Depth profiling
investigation of the titanium silicide formation in plasma activated physical vapour deposition 25
Diamond
investigation of the process factor space on bias-enhanced nucleation of diamond on silicon 4
Diffusion
optical and thermal characterization of coatings 132

Elastic properties
nanoindentation of amorphous aluminum oxide films I. The influence of the substrate on the plastic properties 219
nanoindentation of amorphous aluminum oxide films II. Critical parameters for the breakthrough and a membrane effect in thin hard films on soft substrates 228
Electrical properties and measurements
conductivity of boron-implanted polycrystalline thin silicon films 12
effects of annealing on the electrical conductivity of C_{60} films 266
mechanical stress and electrical resistance of CrSi–O thin films 90
rapid thermal processed thin films of niobium pentoxide (Nb_2O_5) deposited by reactive magnetron sputtering 18

Electrochemistry
growth mechanism and structure of electrodeposited Cu/Ni multilayers 160
Electron diffraction
influence of composition and heat treatment on the structure of Se–Te films 328
Ellipsometry
optical and thermal characterization of coatings 132
variable-angle spectroscopic ellipsometry for deep UV characterization of dielectric coatings 37
Epitaxy
epitaxial growth and thermal stability of thin Pd_2Si films on (001), (011) and (111) Si 107
growth and characterization of 3C–SiC films on Si substrates by reactive magnetron sputtering; effects of CH_4 partial pressure on the crystalline quality, structure and stoichiometry 317
growth and some properties of $In_xGa_{1-x}N$ thin films by reactive evaporation 87
structure of epitaxial δ-NbN films deposited by cathode reactive sputtering 64

Fluorine
atomic force microscopy on cross-sections of optical coatings: a new method 70
Fourier transform infrared spectroscopy
characterization of behenic acid/glucose oxidase Langmuir–Blodgett films by spectrophotometry: a tentative model of their organization 287
Fullerenes
preparation and physical properties of TMT–TTF-$C_{60}Br_6$ Langmuir–Blodgett film 120

Gallium
growth and some properties of $In_xGa_{1-x}N$ thin films by reactive evaporation 87
Gallium arsenide
electric sub-band studies at an AlGaAs/GaAs heterointerface by photoluminescence 168
growth morphology and misfit relaxation of MBE-grown $In_{0.6}G_{0.4}As$ on GaAs(001) 139
Grain boundary
grain size and recrystallization of TiN, ZrN, NbN, and CrN alloyed and multilayer films 83
Graphite
crystallinity, morphology and microstructure of chemical-vapor-deposited carbon films on different substrates 52
Growth mechanism
growth mechanism and structure of electrodeposited Cu/Ni multilayers 160
growth morphology and misfit relaxation of MBE-grown $In_{0.6}G_{0.4}As$ on GaAs(001) 139
investigation of the titanium silicide formation in plasma activated physical vapour deposition 25
kinetic model of vapour-deposited thin film condensation: stage of liquid-like coalescence 173
preparation of compositionally gradient Ti–TiN films by r.f. reactive sputtering 115

Hall effect
conductivity of boron-implanted polycrystalline thin silicon films 12
Hardness
nanoindentation of amorphous aluminum oxide films I. The influence of the substrate on the plastic properties 219
nanoindentation of amorphous aluminum oxide films II. Critical parameters for the breakthrough and a membrane effect in thin hard films on soft substrates 228
surface modification in nitrogen and boron-ion implanted P18 high-speed steel with TiN coating 209
Heat treatment
carbon depth distribution in spin-on silicon dioxide films 186
Heterostructures
electric sub-band studies at an AlGaAs/GaAs heterointerface by photoluminescence 168

Indium
growth and some properties of $In_xGa_{1-x}N$ thin films by reactive evaporation 87
growth morphology and misfit relaxation of MBE-grown $In_{0.6}G_{0.4}As$ on GaAs(001) 139
Infrared spectroscopy
antireflection coatings on KCl single-crystal windows with low optical loss 256
IR spectroscopic study of SO_2 adsorption on polysiloxane layers containing tertiary amino groups 296
Ion implantation
surface modification in nitrogen and boron-ion implanted P18 high-speed steel with TiN coating 209

Langmuir–Blodgett films
characterization of behenic acid/glucose oxidase Langmuir–Blodgett films by spectrophotometry: a tentative model of their organization 287
characterization of long-periodic layered structures by X-ray diffraction Part VI: electron density distribution and chain orientation in a Langmuir–Blodgett film of cadmium stearate 280
Langmuir–Blodgett films made from yttrium arachidate 271
preparation and physical properties of TMT–TTF-$C_{60}Br_6$ Langmuir–Blodgett film 120
Lanthanides
characterization of thin solid films of rare earth oxides formed by the metallo-organic chemical vapour deposition technique, for high temperature corrosion applications 31
Langmuir–Blodgett films made from yttrium arachidate 271
Laser ablation
effect of laser repetition rate on the melting and ablation of $Ni_{24}Zr_{76}$ alloy ribbon 154
growth mechanisms of silicon films produced by laser-induced chemical vapor deposition 251
Laser irradiation
pulsed-laser-induced synthesis of nickel sulphides in sulphur-containing liquids 183
Lead
spectral response of monoclinic and triclinic lead phthalocyanine to nitrogen dioxide 311
Luminescence
electric sub-band studies at an AlGaAs/GaAs heterointerface by photoluminescence 168

Molecular beam epitaxy
electric sub-band studies at an AlGaAs/GaAs heterointerface by photoluminescence 168
growth morphology and misfit relaxation of MBE-grown $In_{0.6}G_{0.4}As$ on GaAs(001) 139
Monolayers
preparation and physical properties of TMT–TTF-$C_{60}Br_6$ Langmuir–Blodgett film 120
Multilayers
grain size and recrystallization of TiN, ZrN, NbN, and CrN alloyed and multilayer films 83
growth mechanism and structure of electrodeposited Cu/Ni multilayers 160

Nickel
pulsed-laser-induced synthesis of nickel sulphides in sulphur-containing liquids 183
Nickel sulphides
pulsed-laser-induced synthesis of nickel sulphides in sulphur-containing liquids 183
Niobium oxide
rapid thermal processed thin films of niobium pentoxide (Nb_2O_5) deposited by reactive magnetron sputtering 18
Nitrides
grain size and recrystallization of TiN, ZrN, NbN, and CrN alloyed and multilayer films 83
growth and some properties of $In_xGa_{1-x}N$ thin films by reactive evaporation 87
structure of epitaxial δ-NbN films deposited by cathode reactive sputtering 64
surface modification in nitrogen and boron-ion implanted P18 high-speed steel with TiN coating 209
Nucleation
investigation of the process factor space on bias-enhanced nucleation of diamond on silicon 4
kinetic model of vapour-deposited thin film condensation: stage of liquid-like coalescence 173

Optical coatings
antireflection coatings on KCl single-crystal windows with low optical loss 256
atomic force microscopy on cross-sections of optical coatings: a new method 70
miscibility of cyanine dyes in two-dimensional aggregates 275
optical and thermal characterization of coatings 132
variable-angle spectroscopic ellipsometry for deep UV characterization of dielectric coatings 37
Optical properties
miscibility of cyanine dyes in two-dimensional aggregates 275
optical absorption behaviour of evaporated $ZnIn_2Se_4$ thin films 322
optical properties of Tm_2S_3 thin films 248
photoinduced phenomena in spin-coated vitreous As_2S_3 and AsSe films 263
spectral response of monoclinic and triclinic lead phthalocyanine to nitrogen dioxide 311
variable-angle spectroscopic ellipsometry for deep UV characterization of dielectric coatings 37
Optical spectroscopy
dispersion of the electro-optical response in poled polymer films determined by Stark spectroscopy 241
miscibility of cyanine dyes in two-dimensional aggregates 275
Organic substances
porous SiO_2 films analyzed by transmission electron microscopy 59
Organometallic vapour deposition
characterization of thin solid films of rare earth oxides formed by the metallo-organic chemical vapour deposition technique, for high temperature corrosion applications 31
Oxidation
thin SiO growth by combined rapid thermal and plasma processing 1
characterization of thin solid films of rare earth oxides formed by the metallo-organic chemical vapour deposition technique, for high temperature corrosion applications 31
Oxides
nanoindentation of amorphous aluminum oxide films I. The influence of the substrate on the plastic properties 219
nanoindentation of amorphous aluminum oxide films II. Critical parameters for the breakthrough and a membrane effect in thin hard films on soft substrates 228
stoichiometry of tantalum oxide films prepared by KrF excimer laser-induced chemical vapor deposition 76
Oxygen
mechanical stress and electrical resistance of CrSi–O thin films 90

Palladium
epitaxial growth and thermal stability of thin Pd_2Si films on (001), (011) and (111) Si 107
Phase transitions
kinetic model of vapour-deposited thin film condensation: stage of liquid-like coalescence 173
preparation of textured and photoactive 2H–WS_2 thin films by sulfurization of WO_3 124
Photoconductivity
photoresponse of polycrystalline ZnO films deposited by r.f. bias sputtering 334
Photodesorption
photoresponse of polycrystalline ZnO films deposited by r.f. bias sputtering 334
Physical vapour deposition
variable-angle spectroscopic ellipsometry for deep UV characterization of dielectric coatings 37
Piezoelectric effect
dispersion of the electro-optical response in poled polymer films determined by Stark spectroscopy 241
Plasma processing and deposition
thin SiO growth by combined rapid thermal and plasma processing 1
annealing effects on a-SiC:H and a-SiC:H(F) thin films deposited by PECVD at room temperature 192
Platinum
morphologic and spectroscopic characterization of porous Pt/GaAs Schottky diodes by scanning tunnelling microscopy 299
Polymers
dispersion of the electro-optical response in poled polymer films determined by Stark spectroscopy 241
IR spectroscopic study of SO_2 adsorption on polysiloxane layers containing tertiary amino groups 296
optical and thermal characterization of coatings 132

Reflection spectroscopy
characterization of behenic acid/glucose oxidase Langmuir–Blodgett films by spectrophotometry: a tentative model of their organization 287
optical properties of Tm_2S_3 thin films 248
Rutherford backscattering spectroscopy
Langmuir–Blodgett films made from yttrium arachidate 271
preparation, structure, composition, optical and photoelectrochemical properties of vacuum annealed In–Se thin films 98

Scanning tunnelling microscopy
morphologic and spectroscopic characterization of porous Pt/GaAs Schottky diodes by scanning tunnelling microscopy 299
Secondary electron emission
morphologic and spectroscopic characterization of porous Pt/GaAs Schottky diodes by scanning tunnelling microscopy 299
Segregation
conductivity of boron-implanted polycrystalline thin silicon films 12
Selenides
photoinduced phenomena in spin-coated vitreous As_2S_3 and AsSe films 263
preparation, structure, composition, optical and photoelectrochemical properties of vacuum annealed In–Se thin films 98

Semiconductors
optical absorption behaviour of evaporated $ZnIn_2Se_4$ thin films 322
preparation and physical properties of TMT–TTF-$C_{60}Br_6$ Langmuir–Blodgett film 120
spectral response of monoclinic and triclinic lead phthalocyanine to nitrogen dioxide 311
Sensors
IR spectroscopic study of SO_2 adsorption on polysiloxane layers containing tertiary amino groups 296
spectral response of monoclinic and triclinic lead phthalocyanine to nitrogen dioxide 311
Silane
growth mechanisms of silicon films produced by laser-induced chemical vapor deposition 251
Silicides
crystallization of amorphous silicon by $NiSi_2$ precipitates 236
epitaxial growth and thermal stability of thin Pd_2Si films on (001), (011) and (111) Si 107
Silicon
growth mechanisms of silicon films produced by laser-induced chemical vapor deposition 251
Silicon carbide
annealing effects on a-SiC:H and a-SiC:H(F) thin films deposited by PECVD at room temperature 192
growth and characterization of 3C–SiC films on Si substrates by reactive magnetron sputtering; effects of CH_4 partial pressure on the crystalline quality, structure and stoichiometry 317
Silicon nitride
porous SiO_2 films analyzed by transmission electron microscopy 59
Silicon oxide
thin SiO_2 growth by combined rapid thermal and plasma processing 1
carbon depth distribution in spin-on silicon dioxide films 186
porous SiO_2 films analyzed by transmission electron microscopy 59
Solar cells
deposition of thin polycrystalline films of cuprous thiocyanate on conducting glass and photoelectrochemical dye-sensitization 307
electrodeposition of $Zn_{1-x}Cd_xSe$ ($x = 0$–1) thin films 44
preparation, structure, composition, optical and photoelectrochemical properties of vacuum annealed In–Se thin films 98
Sputtering
corrosion behaviour in acid solution of (Ti, Cr)N_x films deposited on glass 202
growth and characterization of 3C–SiC films on Si substrates by reactive magnetron sputtering; effects of CH_4 partial pressure on the crystalline quality, structure and stoichiometry 317
influence of sputtering pressure on the microstructure evolution of AlN thin films prepared by reactive sputtering 148
photoresponse of polycrystalline ZnO films deposited by r.f. bias sputtering 334
preparation of compositionally gradient Ti–TiN films by r.f. reactive sputtering 115
rapid thermal processed thin films of niobium pentoxide (Nb_2O_5) deposited by reactive magnetron sputtering 18
Stress
mechanical stress and electrical resistance of CrSi–O thin films 90
Structural properties
growth mechanism and structure of electrodeposited Cu/Ni multilayers 160
influence of composition and heat treatment on the structure of Se–Te films 328
structure of epitaxial δ-NbN films deposited by cathode reactive sputtering 64
Sulphide dioxide
IR spectroscopic study of SO_2 adsorption on polysiloxane layers containing tertiary amino groups 296
Sulphides
photoinduced phenomena in spin-coated vitreous As_2S_3 and AsSe films 263
preparation of textured and photoactive 2H–WS_2 thin films by sulfurization of WO_3 124
Surface and interface states
thin SiO_2 growth by combined rapid thermal and plasma processing 1
Surface composition
miscibility of cyanine dyes in two-dimensional aggregates 275
Surface morphology
atomic force microscopy on cross-sections of optical coatings: a new method 70
investigation of the process factor space on bias-enhanced nucleation of diamond on silicon 4
Surface stress
annealing effects on a-SiC:H and a-SiC:H(F) thin films deposited by PECVD at room temperature 192

Tantalum
stoichiometry of tantalum oxide films prepared by KrF excimer laser-induced chemical vapor deposition 76
Titanium nitride
corrosion behaviour in acid solution of (Ti, Cr)N_x films deposited on glass 202
grain size and recrystallization of TiN, ZrN, NbN, and CrN alloyed and multilayer films 83
preparation of compositionally gradient Ti–TiN films by r.f. reactive sputtering 115
Transmission electron microscopy
influence of sputtering pressure on the microstructure evolution of AlN thin films prepared by reactive sputtering 148
porous SiO_2 films analyzed by transmission electron microscopy 59
structure of epitaxial δ-NbN films deposited by cathode reactive sputtering 64
Tungsten
preparation of textured and photoactive 2H–WS_2 thin films by sulfurization of WO_3 124

X-ray absorption
optical properties of Tm_2S_3 thin films 248
X-ray diffraction
characterization of long-periodic layered structures by X-ray diffraction Part VI: electron density distribution and chain orientation in a Langmuir–Blodgett film of cadmium stearate 280
investigation of the titanium silicide formation in plasma activated physical vapour deposition 25
influence of composition and heat treatment on the structure of Se–Te films 328
optical absorption behaviour of evaporated $ZnIn_2Se_4$ thin films 322
preparation, structure, composition, optical and photoelectrochemical properties of vacuum annealed In–Se thin films 98
X-ray photoelectron spectroscopy
investigation of the titanium silicide formation in plasma activated physical vapour deposition 25
stoichiometry of tantalum oxide films prepared by KrF excimer laser-induced chemical vapor deposition 76

Yttrium
Langmuir–Blodgett films made from yttrium arachidate 271

Zinc
electrodeposition of $Zn_{1-x}Cd_xSe$ ($x = 0$–1) thin films 44
optical absorption behaviour of evaporated $ZnIn_2Se_4$ thin films 322
Zinc oxide
photoresponse of polycrystalline ZnO films deposited by r.f. bias sputtering 334